

# **Larvicides Market by Control Method (Biocontrol Agents, Chemical Agents, Insect Growth Regulators), Target (Mosquitoes, Flies), End-use Sector (Public Health, Agricultural, Commercial, Residential, Livestock), and Region - Global Forecast to 2023**

<https://marketpublishers.com/r/LF21E04A8B7EN.html>

Date: May 2018

Pages: 144

Price: US\$ 5,650.00 (Single User License)

ID: LF21E04A8B7EN

## **Abstracts**

“The larvicides market is projected to grow at a CAGR of 4.86% during the forecast period.”

The larvicides market is projected to reach USD 952.7 million by 2023, from USD 751.6 million in 2018, at a CAGR of 4.86%. An increase in the occurrence of diseases, particularly in developing countries, has increased the focus on the control of pests, worldwide. Growing awareness about environmental sustainability and the adoption of IPM practices has contributed significantly to the demand for larvicides since IPM focuses on habitat management and the control of immature stages (egg, larva, and pupa) before the targets emerge as adults. However, factors such as issues related to the increasing incidences of resistance against larvicides in mosquitoes pose a challenge for the overall market.

“The mosquitoes segment is projected be the fastest-growing target market for larvicides during the forecast period.”

Diseases transmitted by mosquitoes have become a major concern in Asian and South American countries. In Africa, mosquito bites can be lethal, as they are vectors for many diseases such as malaria, dengue, and chikungunya. Climate changes caused by global warming and disease outbreaks such as the Zika fever have left the European region susceptible to the expansion of the mosquito population. These concerns are expected to strengthen the implementation of mosquito control programs and the usage

of larvicides.

“The chemical agents dominated the larvicides market in 2018.”

The chemical agents including organophosphates dominated the larvicides market in 2017, since they are extensively used for vector control programs, globally. Developing countries especially rely on larvicides, including temephos and malathion, for the treatment of water infested with mosquitoes. Chemical larvicides also include neonicotinoids, pyrethroids, and carbamates. These are broad-spectrum larviciding solutions that find application in agriculture, residential, and commercial spaces and have longer residual control when the environmental conditions are favorable. Thus, the chemical agents dominated the larvicides market in 2017.

“North America is estimated to dominate the larvicides market in 2018, whereas Asia Pacific is projected to be the fastest-growing market.”

The North American region dominated the larvicides market in 2017, due to high intolerance to diseases in the region. Countries in the Asia Pacific have been witnessing strong demand for larvicides, especially for public and environmental health. In this region, larvicides are generally sought for the control of mosquitoes, flies, fleas, and beetles, for use in public places, garbage yards, grain warehouses, and the livestock industry.

The breakdown of the primaries on the basis of company type, designation, and region conducted during the research study, is as follows:

By Company type: Tier 1 - 20%, Tier 2 - 35%, and Tier 3 - 45%

By Designation: C-Level - 26%, D-Level - 19%, and Others - 55%

By Region: Americas-17%, Europe - 20%, Asia Pacific - 36%, and RoW - 27%

Others include sales managers, marketing managers, and product managers.

Note: Tier 1: Revenue ? USD 1 billion; Tier 2: USD 500 million Revenue USD 1 billion; Tier 3: Revenue ? USD 500 million

The global market for larvicides is dominated by large players such as Bayer

(Germany), BASF (Germany), Gowan Company (US), Sumitomo Chemical (Japan), Nufarm (Australia), Certis (US), Summit Chemical (US), Syngenta (Switzerland), Adama (Israel), Eli Lilly and Company (US), Russell IPM (UK), and Central Garden & Pet Co. (US).

## Research Coverage

The report analyzes the larvicides market across different types and regions. It aims at estimating the market size and future growth potential of this market across different segments such as target, control method, end-use sector, and region. Furthermore, the report also includes in-depth competitive analysis of the key players in the market, along with their company profiles, recent developments, and key market strategies.

## Key Benefits of Buying the Report:

The report will help the market leaders/new entrants in this market by providing them the closest approximations of the revenue numbers for the overall larvicides market and its subsegments. This report will help stakeholders to better understand the competitor landscape, gain more insights to better position their businesses, and devise suitable go-to-market strategies. The report will also help stakeholders to understand the market and provide them information on key market drivers, restraints, challenges, and opportunities.

## Contents

### 1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 STUDY SCOPE
- 1.4 PERIODIZATION CONSIDERED
- 1.5 CURRENCY CONSIDERED
- 1.6 STAKEHOLDERS

### 2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
  - 2.1.1 SECONDARY DATA
  - 2.1.2 PRIMARY DATA
    - 2.1.2.1 Key industry insights
    - 2.1.2.2 Breakdown of primaries
- 2.2 MARKET SIZE ESTIMATION
  - 2.2.1 BOTTOM-UP APPROACH
  - 2.2.2 TOP-DOWN APPROACH
- 2.3 DATA TRIANGULATION
- 2.4 RESEARCH ASSUMPTIONS & LIMITATIONS
  - 2.4.1 ASSUMPTIONS
  - 2.4.2 LIMITATIONS

### 3 EXECUTIVE SUMMARY

### 4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES IN THE LARVICIDES MARKET
- 4.2 LARVICIDES MARKET, BY END-USE SECTOR
- 4.3 NORTH AMERICA: LARVICIDES MARKET
- 4.4 LARVICIDES MARKET, BY TARGET & REGION
- 4.5 LARVICIDES MARKET SHARE: KEY COUNTRIES

### 5 MARKET OVERVIEW

#### 5.1 INTRODUCTION

*Larvicides Market by Control Method (Biocontrol Agents, Chemical Agents, Insect Growth Regulators), Target (Mo...*

## 5.2 MARKET DYNAMICS

### 5.2.1 DRIVERS

#### 5.2.1.1 Increase in prevalence of vector-borne diseases

##### 5.2.1.1.1 Outbreaks and existing endemic situations

##### 5.2.1.1.2 Climatic changes and rise in pest population worldwide

#### 5.2.1.2 Growth in Awareness about IPM Practices and Environmental Sustainability

### 5.2.2 RESTRAINTS

#### 5.2.2.1 Larval resistance to commonly used insecticides

#### 5.2.2.2 High costs associated with larval control methods

### 5.2.3 OPPORTUNITIES

#### 5.2.3.1 Rise in adoption of biological & physical control methods

#### 5.2.3.2 Technological advancements in mosquito control products

### 5.2.4 CHALLENGES

#### 5.2.4.1 Lack of awareness about optimal usage levels of larvicides

## 6 LARVICIDES MARKET, BY END-USE SECTOR

### 6.1 INTRODUCTION

### 6.2 PUBLIC HEALTH

### 6.3 AGRICULTURAL

### 6.4 COMMERCIAL

### 6.5 RESIDENTIAL

### 6.6 LIVESTOCK

## 7 LARVICIDES MARKET, BY TARGET

### 7.1 INTRODUCTION

### 7.2 MOSQUITOES

### 7.3 FLIES

### 7.4 OTHERS

## 8 LARVICIDES MARKET, BY CONTROL METHOD

### 8.1 INTRODUCTION

### 8.2 BIOCONTROL AGENTS

#### 8.2.1 BACILLUS SPP.

#### 8.2.2 OTHERS

### 8.3 CHEMICAL AGENTS

#### 8.3.1 ORGANOPHOSPHATES

#### 8.3.2 OTHERS

### 8.4 INSECT GROWTH REGULATORS

#### 8.4.1 METHOPRENE

#### 8.4.2 PYRIPROXYFEN

#### 8.4.3 DIFLUBENZURON

#### 8.4.4 OTHERS

### 8.5 OTHER CONTROL METHODS

#### 8.5.1 SURFACE OILS & FILMS

#### 8.5.2 MECHANICAL CONTROL

## 9 LARVICIDES MARKET, BY REGION

### 9.1 INTRODUCTION

### 9.2 NORTH AMERICA

#### 9.2.1 US

#### 9.2.2 CANADA

#### 9.2.3 MEXICO

### 9.3 EUROPE

#### 9.3.1 FRANCE

#### 9.3.2 ITALY

#### 9.3.3 SPAIN

#### 9.3.4 GERMANY

#### 9.3.5 UK

#### 9.3.6 REST OF EUROPE

### 9.4 ASIA PACIFIC

#### 9.4.1 CHINA

#### 9.4.2 INDIA

#### 9.4.3 JAPAN

#### 9.4.4 AUSTRALIA

#### 9.4.5 REST OF ASIA PACIFIC

### 9.5 SOUTH AMERICA

#### 9.5.1 BRAZIL

#### 9.5.2 ARGENTINA

#### 9.5.3 REST OF SOUTH AMERICA

### 9.6 REST OF THE WORLD

#### 9.6.1 AFRICA

#### 9.6.2 THE MIDDLE EAST

## 10 COMPETITIVE LANDSCAPE

## 10.1 OVERVIEW

## 10.2 COMPANY RANKING

## 10.3 COMPETITIVE SCENARIO

### 10.3.1 MERGERS & ACQUISITIONS

### 10.3.2 EXPANSIONS

### 10.3.3 AGREEMENTS & COLLABORATIONS

### 10.3.4 NEW PRODUCT LAUNCHES

## 11 COMPANY PROFILES

(Business overview, Products offered, Recent Developments, SWOT analysis, MNM view)\*

### 11.1 BAYER AG

### 11.2 SYNGENTA

### 11.3 BASF SE

### 11.4 SUMITOMO CHEMICAL CO., LTD.

### 11.5 ADAMA AGRICULTURAL SOLUTIONS LTD.

### 11.6 CERTIS USA LLC

### 11.7 CENTRAL GARDEN & PET COMPANY

### 11.8 NUFARM LIMITED

### 11.9 RUSSELL IPM LTD

### 11.10 ELI LILLY AND COMPANY

### 11.11 SUMMIT CHEMICAL

### 11.12 GOWAN COMPANY

\*Details on Business overview, Products offered, Recent Developments, SWOT analysis, MNM view might not be captured in case of unlisted companies.

## 12 APPENDIX

### 12.1 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

### 12.2 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE

### 12.3 AVAILABLE CUSTOMIZATIONS

### 12.4 RELATED REPORTS

### 12.5 AUTHOR DETAILS

## List Of Tables

### LIST OF TABLES

Table 1 USD EXCHANGE RATE, 2015–2017

Table 2 LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2016–2023 (USD MILLION)

Table 3 PUBLIC HEALTH: LARVICIDES MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 4 AGRICULTURAL: LARVICIDES MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 5 COMMERCIAL: LARVICIDES MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 6 RESIDENTIAL: LARVICIDES MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 7 LIVESTOCK: LARVICIDES MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 8 LARVICIDES MARKET SIZE, BY TARGET, 2016–2023 (USD MILLION)

Table 9 LARVICIDES MARKET SIZE FOR MOSQUITOES, BY REGION, 2016–2023 (USD MILLION)

Table 10 LARVICIDES MARKET SIZE FOR FLIES, BY REGION, 2016–2023 (USD MILLION)

Table 11 LARVICIDES MARKET SIZE FOR OTHER TARGETS, BY REGION, 2016–2023 (USD MILLION)

Table 12 LARVICIDES MARKET SIZE, BY CONTROL METHOD, 2016–2023 (USD MILLION)

Table 13 BIOCONTROL LARVICIDES MARKET SIZE, BY CONTROL METHOD, 2016–2023 (USD MILLION)

Table 14 BIOCONTROL LARVICIDES MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 15 CHEMICAL LARVICIDES MARKET SIZE, BY CONTROL METHOD, 2016–2023 (USD MILLION)

Table 16 CHEMICAL LARVICIDES MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 17 INSECT GROWTH REGULATORS MARKET SIZE, BY CONTROL METHOD, 2016–2023 (USD MILLION)

Table 18 INSECT GROWTH REGULATORS MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 19 OTHER LARVICIDAL CONTROL METHODS MARKET SIZE, BY TYPE,

*Larvicides Market by Control Method (Biocontrol Agents, Chemical Agents, Insect Growth Regulators), Target (Mo...*



2016–2023 (USD MILLION)

Table 20 OTHER LARVICIDAL CONTROL METHODS MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 21 LARVICIDES MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 22 NORTH AMERICA: LARVICIDES MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)

Table 23 NORTH AMERICA: LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2016–2023 (USD MILLION)

Table 24 NORTH AMERICA: LARVICIDES MARKET SIZE, BY CONTROL METHOD, 2016–2023 (USD MILLION)

Table 25 NORTH AMERICA: LARVICIDES MARKET SIZE, BY TARGET, 2016–2023 (USD MILLION)

Table 26 US: LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2016–2023 (USD MILLION)

Table 27 CANADA: LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2016–2023 (USD MILLION)

Table 28 MEXICO: LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2016–2023 (USD MILLION)

Table 29 EUROPE: LARVICIDES MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)

Table 30 EUROPE: LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2016–2023 (USD MILLION)

Table 31 EUROPE: LARVICIDES MARKET SIZE, BY CONTROL METHOD, 2016–2023 (USD MILLION)

Table 32 EUROPE: LARVICIDES MARKET SIZE, BY TARGET, 2016–2023 (USD MILLION)

Table 33 FRANCE: LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2016–2023 (USD MILLION)

Table 34 ITALY: LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2016–2023 (USD MILLION)

Table 35 SPAIN: LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2016–2023 (USD MILLION)

Table 36 GERMANY: LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2016–2023 (USD MILLION)

Table 37 UK: LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2016–2023 (USD MILLION)

Table 38 REST OF EUROPE: LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2016–2023 (USD MILLION)

Table 39 ASIA PACIFIC: LARVICIDES MARKET SIZE, BY COUNTRY, 2016–2023

(USD MILLION)

Table 40 ASIA PACIFIC: LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2016–2023 (USD MILLION)

Table 41 ASIA PACIFIC: LARVICIDES MARKET SIZE, BY CONTROL METHOD, 2016–2023 (USD MILLION)

Table 42 ASIA PACIFIC: LARVICIDES MARKET SIZE, BY TARGET, 2016–2023 (USD MILLION)

Table 43 CHINA: LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2016–2023 (USD MILLION)

Table 44 INDIA: LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2016–2023 (USD MILLION)

Table 45 JAPAN: LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2016–2023 (USD MILLION)

Table 46 AUSTRALIA: LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2016–2023 (USD MILLION)

Table 47 REST OF ASIA PACIFIC: LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2016–2023 (USD MILLION)

Table 48 SOUTH AMERICA: LARVICIDES MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)

Table 49 SOUTH AMERICA: LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2016–2023 (USD MILLION)

Table 50 SOUTH AMERICA: LARVICIDES MARKET SIZE, BY CONTROL METHOD, 2016–2023 (USD MILLION)

Table 51 SOUTH AMERICA: LARVICIDES MARKET SIZE, BY TARGET, 2016–2023 (USD MILLION)

Table 52 BRAZIL: LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2016–2023 (USD MILLION)

Table 53 ARGENTINA: LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2016–2023 (USD MILLION)

Table 54 REST OF SOUTH AMERICA: LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2016–2023 (USD MILLION)

Table 55 ROW: LARVICIDES MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 56 ROW: LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2016–2023 (USD MILLION)

Table 57 ROW: LARVICIDES MARKET SIZE, BY CONTROL METHOD, 2016–2023 (USD MILLION)

Table 58 ROW: LARVICIDES MARKET SIZE, BY TARGET, 2016–2023 (USD MILLION)

Table 59 AFRICA: LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2016–2023  
(USD MILLION)

Table 60 MIDDLE EAST: LARVICIDES MARKET SIZE, BY END-USE SECTOR,  
2016–2023 (USD MILLION)

Table 62 MERGERS & ACQUISITIONS, 2017–2018

Table 63 EXPANSIONS, 2014–2016

Table 64 AGREEMENTS & COLLABORATIONS, 2015–2018

Table 65 NEW PRODUCT LAUNCHES, 2013–2015

## List Of Figures

### LIST OF FIGURES

Figure 1 LARVICIDES MARKET SEGMENTATION

Figure 2 REGIONAL SEGMENTATION

Figure 3 RESEARCH DESIGN: LARVICIDES MARKET

Figure 4 BREAKDOWN OF PRIMARIES: BY COMPANY TYPE, DESIGNATION, AND REGION

Figure 5 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

Figure 6 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

Figure 7 DATA TRIANGULATION

Figure 8 LARVICIDES MARKET, BY END-USE SECTOR, 2018 VS. 2023

Figure 9 LARVICIDES MARKET, BY CONTROL METHOD, 2018 VS. 2023

Figure 10 LARVICIDES MARKET, BY TARGET, 2018 VS. 2023

Figure 11 LARVICIDES MARKET: REGIONAL SNAPSHOT

Figure 12 INCREASE IN INCIDENCES OF VECTOR-BORNE DISEASES TO DRIVE THE LARVICIDES MARKET

Figure 13 PUBLIC HEALTH SEGMENT RECORDED LARGEST SHARE IN 2017

Figure 14 NORTH AMERICAN LARVICIDES MARKET SHARE, BY CONTROL METHOD & COUNTRY, 2017

Figure 15 MOSQUITOES RECORDED LARGEST SHARE IN LARVICIDES MARKET IN 2017

Figure 16 US DOMINATED THE MARKET FOR LARVICIDES IN 2017

Figure 17 LARVICIDES MARKET DYNAMICS: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

Figure 18 NUMBER OF GLOBAL DEATHS DUE TO MALARIA

Figure 19 LARVICIDES MARKET SIZE, BY END-USE SECTOR, 2018 VS. 2023

Figure 20 LARVICIDES MARKET SIZE, BY TARGET, 2018 VS. 2023 (USD MILLION)

Figure 21 LARVICIDES MARKET SIZE, BY CONTROL METHOD, 2018 VS. 2023 (USD MILLION)

Figure 22 REGIONAL SNAPSHOT: INDIA IS PROJECTED TO BE THE FASTEST-GROWING COUNTRY-LEVEL MARKET FOR LARVICIDES BETWEEN 2018 AND 2023

Figure 23 NORTH AMERICA: LARVICIDES MARKET SNAPSHOT

Figure 24 EUROPE: LARVICIDES MARKET SNAPSHOT

Figure 25 KEY DEVELOPMENTS BY LEADING PLAYERS IN THE LARVICIDES MARKET, 2012–2017

Figure 26 MARKET EVALUATION FRAMEWORK

Figure 27 BAYER AG: COMPANY SNAPSHOT

Figure 28 BAYER AG: SWOT ANALYSIS

Figure 29 SYNGENTA: COMPANY SNAPSHOT

Figure 30 SYNGENTA: SWOT ANALYSIS

Figure 31 BASF SE: COMPANY SNAPSHOT

Figure 32 BASF SE: SWOT ANALYSIS

Figure 33 SUMITOMO CHEMICAL CO., LTD.: COMPANY SNAPSHOT

Figure 34 SUMITOMO CHEMICAL CO., LTD.: SWOT ANALYSIS

Figure 35 ADAMA AGRICULTURAL SOLUTIONS LTD.: COMPANY SNAPSHOT

Figure 36 ADAMA AGRICULTURAL SOLUTIONS LTD.: SWOT ANALYSIS

Figure 37 CENTRAL GARDEN & PET CO.: COMPANY SNAPSHOT

Figure 38 NUFARM LIMITED: COMPANY SNAPSHOT

Figure 39 ELI LILLY AND COMPANY: BUSINESS SNAPSHOT

## I would like to order

Product name: Larvicides Market by Control Method (Biocontrol Agents, Chemical Agents, Insect Growth Regulators), Target (Mosquitoes, Flies), End-use Sector (Public Health, Agricultural, Commercial, Residential, Livestock), and Region - Global Forecast to 2023

Product link: <https://marketpublishers.com/r/LF21E04A8B7EN.html>

Price: US\$ 5,650.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/LF21E04A8B7EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970